



PATENT
Attorney Docket No.: A-67207/DJB/RMS/DCF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Examiner: Hannaher, C.
WALT et al.))
Serial No. 08/944,850) Group Art Unit: 2878
Filed: October 6, 1997)
For: SELF-ENCODING FIBER OPTIC)
SENSOR)

)

B/P/Suppt.
IDS
Sperson
3-16-00

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Dated: Feb 11, 2000

Signed: Suzan Lindstrom
Suzan Lindstrom

SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner
for Patents
Washington, DC 20231

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicant wishes to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO-1449. Copies of the references are enclosed. A fee under 37 C.F.R. § 1.17(p) is also enclosed.

02/16/2000 MMARHOL 00000007 08944850

02 FC:126

240.00 OP

Serial No.: 08/944,850
Filed: October 6, 1997

None of the foregoing references are believed to disclose the invention as claimed.

Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No. A-67207/DJB/RMS/DCF).

An additional copy of this Information Disclosure Statement is enclosed.

Respectfully submitted,

FLEHR, HOHBACH, TEST,
ALBRITTON & HERBERT

Dated: February 11, 2002

David C. Lester Reg. No.: 44,685
for Robin M. Silva
Reg. No. 38,304

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David R. Walt, et al.
Serial No.: 08/944,850
Filed: October 6, 1997
For: SELF-ENCODED FIBER OPTIC SENSOR



Group Art Unit: 1313
Examiner: Unknown
Docket No.: TU-97-01

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on 19 January 1999
Date

R. Dennis Creehan
R. Dennis Creehan

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

EJ478962617US

Sir:

In the above-referenced patent application, the Applicant respectfully submits the enclosed Information Disclosure Statement with copies of the cited references under 37 C.F.R. 1.97(b). The Applicant respectfully requests that the information disclosed herein be made of record in this application.

Respectfully submitted,

19 January 1999
Date

R. Dennis Creehan

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

4

Complete If Known

Application Number	08/944,850
Filing Date	October 6, 1997
First Named Inventor	D.R. Walt
Group Art Unit	1313
Examiner Name	Not Assigned
Attorney Docket Number	TU97-01

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	5690894		Pinkel, et al.	11/25/97	
	AB	5496997		Popc	3/5/96	
	AC	5573909		Singer, et al.	11/12/96	
	AD	4499052		Fulwyer	2/12/85	
	AE	5028545		Soini	7/2/91	
	AF	5252494		Walt	10/12/93	
	AG	5114804		Walt	5/19/92	
	AH	5633972		Walt, et al.	5/27/97	
	AI	5512490		Walt, et al.	4/30/96	
	AJ	5920814		Walt, et al.	6/14/94	
	AK	5298741		Walt, et al.	3/29/94	
	AL	5250264		Walt, et al.	10/5/93	
	AM	5254477		Walt	10/19/93	
	AN	5244813		Walt, et al.	9/14/93	
	AO	5244030		Walt, et al.	9/14/93	
	AP	5143853		Walt, et al.	9/1/92	
	AQ	4822740		Walt	4/18/89	
	AR	5002867		Macevicz	3/26/91	
	AS	5814524		Walt, et al.	9/29/98	
	AT	5105305		Betzig, et al.	4/14/92	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
FA	WO	9714928		A	Luminex Corp.	4/17/97		
FB	WO	9302360		A	Transmed Biotech Inc.	2/4/93		
FC	WO	8911101		A	Michael John Holmes	11/16/89		
FD	EP	0723146		A1	SRI International	7/24/96		
FE	EP	0478319		A1	Toshiba	4/1/92		
FF	EP	0269764		A1	Molecular Biosystems	6/8/88		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Attorney Docket Number	TU97-01

U.S. PATENT DOCUMENTS

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Filing Date	October 6, 1997
First Named Inventor	D.R. Walt
Group Art Unit	1313
Examiner Name	Not Assigned
Attorney Docket Number	TU97-01

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	LA	E.J.A. Pope, "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspheres", SPIE, v2388, p245-256 (1995)
	LB	J.I. Peterson, et al., "Fiber Optic pH Probe for Physiological Use", Anal. Chem., v52, no 6, May 1980, p864-869
	LC	Anonymous, "Fluorescent Microspheres", Tech Note 19, Bang Laboratories, (Fishers, IN) February 1997
	LD	L.B. Bangs, "Immunological Applications of Microspheres", The Latex Course, Bangs Laboratories (Carmel, IN) April 1996
	LE	Anonymous, "Microsphere Selection Guide", Bangs Laboratories (Fishers, IN) September 1998
	LF	J.A. Ferguson, et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression", Nature Biotechnology, v. 14, pp 1681-1684 (December 1996)
	LG	B.G. Healey, et al., "Fiber Optic DNA Sensor Array Capable of Detecting Point Mutations", Analytical Biochemistry, v. 251, no. 2, pp270-279 (1997)
	LH	B.G. Healey, et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber", SPIE Proc., v. 2388, pp 568-573 (1995)
	LI	B.G. Healey, et al., "Improved Fiber-Optic Chemical Sensor for Penicillin, Anal. Chem, v. 67, no. 24, pp 4471-4476 (December 15, 1995)
	LJ	D.R. Walt, "Fiber-Optic Sensors for Continuous Clinical Monitoring", Proc. IEEE, v.80, no.6, pp903-911 (June 1992)
	LK	N.J.C. Strachan, et al., "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Biosensor and Its Application to the Detection of Listeria", Ltrs. Applied Microbiology, v. 21, pp 5-9 (1995)

Examiner Signature

Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Filing Date	October 6, 1997
First Named Inventor	D.R. Walt
Group Art Unit	1313
Examiner Name	Not Assigned
Attorney Docket Number	TU97-01

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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